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·
R Wolski

N Spring

J Hayes

G Sohi

S Breach

<u>The Network Weather Service: A Distributed Resource Performance Forecasting Service for ...</u> - <u>all 20 versions »</u>
R Wolski, N Spring, J Hayes - Journal of Future Generation Computing Systems, 1999 - dsi.unive.it
... indenitely. Each le that a Persistent State process uses is managed as a **circular queue**, the length of which is a conguration option. Data ...
<u>Cited by 886</u> - <u>Related Articles</u> - <u>View as HTML</u> - <u>Web Search</u>

<u>... channel FIFO devices using pending channel information stored in a **circular queue** for transfer of ...</u> - <u>all 3 versions »</u>
UH Nguyen, L Whang, G Apostol - US Patent 5,363,485, 1994 - Google Patents
... [54] BUS INTERFACE HAVING SINGLE AND MULTIPLE CHANNEL FIFO DEVICES USING PENDING CHANNEL INFORMATION STORED IN A **CIRCULAR QUEUE** FOR TRANSFER OF INFORMATION ...
<u>Cited by 22</u> - <u>Related Articles</u> - <u>Web Search</u>

<u>Data handling system with **circular queue** formed in paged memory</u> - <u>all 3 versions »</u>
P Regache - US Patent 5,873,089, 1999 - Google Patents
... [54] DATA HANDLING SYSTEM WITH **CIRCULAR QUEUE** FORMED IN PAGED MEMORY [75] Inventor: Pascal Regache, Fort Collins, Colo. ... TO **CIRCULAR QUEUE** IN PAGED MEMORY i ...
<u>Cited by 12</u> - <u>Related Articles</u> - <u>Web Search</u>

<u>Method of management of a **circular queue** for asynchronous access</u> - <u>all 3 versions »</u>
DJ Garcia, DP Sonnier - US Patent 6,145,061, 2000 - Google Patents
... [54] METHOD OF MANAGEMENT OF A **CIRCULAR QUEUE** FOR ASYNCHRONOUS ACCESS [75] Inventors:
David J. Garcia, Los Gatos, Calif.; David P. Sonnier, Austin, Tex. ...
<u>Cited by 13</u> - <u>Related Articles</u> - <u>Web Search</u>

<u>... interface using pending channel information stored in single **circular queue** for controlling channels ...</u> - <u>all 3 versions »</u>
UH Nguyen, L Whang, G Apostol - US Patent 5,450,547, 1995 - Google Patents
... [54] BUS INTERFACE USING PENDING CHANNEL INFORMATION STORED IN SINGLE **CIRCULAR QUEUE**
FOR CONTROLLING ... pointer means for traversing **circular queue** means, slot ...
<u>Cited by 9</u> - <u>Related Articles</u> - <u>Web Search</u>

<u>Load-balancing clusters in wireless ad hoc networks</u> - <u>all 10 versions »</u>
AD Amis, R Prakash - Proceedings 3rd IEEE Symposium on Application-Specific ..., 2000 - doi.ieeecs.org
... The node id load-balancing heuristic operates on the principle of a **circular queue**....
circular queue has a minimum value of 1 and a maximum value of MAX COUNT. ...
<u>Cited by 67</u> - <u>Related Articles</u> - <u>Web Search</u>

<u>... from a plurality of devices using dual level **queue** locking scheme and a doubly-linked **circular queue**</u> - <u>all 3 versions »</u>
D Arnon, Y Ofek - US Patent 6,321,308, 2001 - Google Patents
... (54) METHOD AND APPARATUS FOR MANAGING ACCESS REQUESTS FROM A PLURALITY OF DEVICES
USING DUAL LEVEL **QUEUE** LOCKING SCHEME AND A DOUBLY-LINKED **CIRCULAR QUEUE** ...

Cited by 8 - Related Articles - Web Search

An ultra-fast user-steered image segmentation paradigm: live wireon the fly - all 9 versions »
AX Falcao, JK Udupa, FK Miyazawa - Medical Imaging, IEEE Transactions on, 2000 - ieeexplore.ieee.org
... an integer in the interval [0 ; C] . Dial's solution uses a **circular queue** with
C + 1 buckets of nodes as the priority **queue** of the Dijkstra's algorithm. ...
Cited by 71 - Related Articles - Web Search - BL Direct

Cache **queue** entry linking for DASD record updates - all 2 versions »
SK Candelaria, VJ Legvold, WK Stanley - US Patent 5,682,513, 1997 - Google Patents
... BEFORE TRANS- FER ? ACCESS **CIRCULAR QUEUE** TO READ RECORD UPDATE 5,682,513 ... **circular
queue** in a storage controller memory for linking header in the cache memory, ...
Cited by 27 - Related Articles - Web Search

Issues, problems and solutions in sharing X clients on multiple displays - all 5 versions »
H Abdel-Wahab, K Jeffay - INTERNETWORKING RES EXPER, 1994 - cs.unc.edu
... To address this problem, we use a sequence number mapping technique that uses a
circular queue data structure shown in Figure 2. Upon receiving a request from ...
Cited by 40 - Related Articles - View as HTML - Web Search

Dynamic restructuring in an experimental operating system
H Goullon, R Isle, KP Löhr - Proceedings of the 3rd international conference on Software ..., 1978 - portal.acm.
org
... END **circular queue** = queue OBJECT cell: array (I,size) OF string VAR head, tail,
count: int; ... PROC nonempty = count O; head:= I; tail:= 1 **circular queue** ...
Cited by 29 - Related Articles - Web Search

Synchronous protocol data formatter - all 5 versions »
PCJ Chao, BS Choe, RC Fairfield, TL Hiller, RW ... - US Patent 5,029,163, 1991 - Google Patents
... According to another feature of our invention, the formatter includes a **circular
queue** and "interrupt- queue" structure that facilitates the shared usage of a ...
Cited by 22 - Related Articles - Web Search

Static instruction decoder utilizing a **circular queue** to decode instructions and select instructions ... -
all 3 versions »
ET Grochowski - US Patent 6,115,807, 2000 - Google Patents
... Grochowski [54] STATIC INSTRUCTION DECODER UTILIZING A **CIRCULAR QUEUE** TO DECODE
INSTRUCTIONS AND SELECT INSTRUCTIONS TO BE ISSUED ... UTILIZING A **CIRCULAR QUEUE** TO ...
Cited by 5 - Related Articles - Web Search

... a space appended to a **circular queue** after traversing an end of the **queue** and upon completion ...
- all 3 versions »
WR Etcheverry... - US Patent 6,314,478, 2001 - Google Patents
... (54) SYSTEM FOR ACCESSING A SPACE APPENDED TO A **CIRCULAR QUEUE** AFTER TRAVERSING
AN END OF THE **QUEUE** AND UPON COMPLETION COPYING DATA BACK TO THE **QUEUE** ...
Cited by 5 - Related Articles - Web Search

MEMORY-BASED **CIRCULAR QUEUE** WITH LOCAL DESCRIPTIVE INFORMATION TO
IMPLEMENT A STORAGE AREA FOR ... - all 3 versions »
A Movshovich, RH Hoem, NA Puttaswamy, B Lai - US Patent 6,434,170, 2002 - Google Patents
Page 1. US006434170B1 (12) United States Patent Movshovich et al. (54) MEMORY-BASED
CIRCULAR QUEUE WITH LOCAL DESCRIPTIVE INFORMATION TO IMPLEMENT A STORAGE ...
Cited by 5 - Related Articles - Web Search

Entry allocation in a circular buffer using wrap bits indicating whether a queue of the circular ... - all 3 versions »

DB Papworth, AF Glew, MA Fetterman, GJ Hinton, RP ... - US Patent 5,584,038, 1996 - Google Patents
... Bridges 395/410 5,471,598 11/1995 Quattromani 395/449 5,473,756 12/1995 Traylor
395/250 OTHER PUBLICATIONS A Parallel, High Speed **Circular Queue** Structure by ...
Cited by 35 - Related Articles - Web Search

Direct memory access unit for transferring data between processor memories in multiprocessing ... - all 3 versions »

LP Andrews, D Arias, BD Mandalia, OE Ortega, JC ... - US Patent 5,634,099, 1997 - Google Patents
... The address of each control block is written to a **circular queue**, also in the remote
processor's memory. ... FROM FIG. 3C DSP 0 SPACE **CIRCULAR QUEUE** WORD ADDRS 0 ...
Cited by 28 - Related Articles - Web Search

An empirical study of decentralized ILP execution models - all 4 versions »

N Ranganathan, M Franklin - ACM SIGOPS Operating Systems Review, 1998 - portal.acm.org
... proposed so far, such as the multiscalar processor, the superthreading processor,
and the trac processors, all organize the PEs as a **circular queue** as shown in ...
Cited by 30 - Related Articles - Web Search - Library Search - BL Direct

... in a multi-channel system using circular descriptor queue, descriptor FIFO, and receive status queue - all 3 versions »

AJP O'Toole, S Chari... - US Patent 5,870,627, 1999 - Google Patents
... descriptor **queue** 34. The receive descriptor **queue** 34 is a **circular queue**
occupying a contiguous area of memory. The location and ...
Cited by 25 - Related Articles - Web Search

Apparatus and method for aligning data transferred via DMA using a barrel shifter and a buffer ... - all 3 versions »

CS Lee, FA Itkowsky Jr - US Patent 5,594,927, 1997 - Google Patents
... A **circular queue** is a software array structure of message storage locations.
The items in **circular** queues are accessed 65 in first ...
Cited by 16 - Related Articles - Web Search

[CITATION] A Non-Blocking Compare-and-Swap Algorithm for a Shared **Circular Queue**
JM Stone - Parallel and Distributed Computing in Engineering Systems, 1992
Cited by 4 - Related Articles - Web Search

[BOOK] **C++ Object-Oriented Data Structures** - all 2 versions »

S Sengupta, CP Korobkin - 1994 - books.google.com
... 253 6.5.2 OOP Implementation of a **Queue** Using Linked List 261 6.6 **Circular Queue**
Objects 268 6.6.1 OOP Implementation of a **Circular Queue** Using Array 269 ...
Cited by 13 - Related Articles - Web Search - Library Search

Method and apparatus for implementing multiple filters with shared components - all 3 versions »

CD Thompson, JP Gergen - US Patent 4,766,561, 1988 - Google Patents
... filters with simplified state machine control. ** a **circular queue** to simulate a
shift register. In other ... **circular queue** for sequentially storing time sampled ...
Cited by 15 - Related Articles - Web Search

Circular queue paradoxes- the missing link - all 2 versions »

L Goldstein - Analysis, 1999 - Blackwell Synergy
... 284–90. © Laurence Goldstein **Circular queue** paradoxes – the missing link Laurence
Goldstein ... Page 2. **circular queue** paradoxes – the missing link 285 ...

Cited by 3 - Related Articles - Web Search - BL Direct

[BOOK] Simple, fast, and practical non-blocking and blocking concurrent **queue** algorithms - all 22 versions »
MM Michael, ML Scott - 1996 - ACM Press New York, NY, USA
... lost permanently. Stone also presents [19] anon-blocking **queue** based on a
circular singly-linked list. The algorithm uses one anchor ...
Cited by 122 - Related Articles - Web Search - Library Search - BL Direct

Parameter-controlled volume thinning - Full Text@IngentaConnect - all 6 versions »
N Gagvani, D Silver - Graphical Models and Image Processing, 1999 - caip.rutgers.edu
... A **circular queue** is used to keep track of the distance values for successive
peeling. ... 2 . In the first pass, the **circular queue** ...
Cited by 57 - Related Articles - View as HTML - Web Search - BL Direct

[CITATION] and-Swap Algorithm for a Shared **Circular Queue**, Parallel and Distributed Computing in Engineering ...
JM Stone, AN Compare - 1992 - Elsevier Science BV
Cited by 3 - Related Articles - Web Search

Cache-oblivious algorithms - all 34 versions »
M Frigo, CE Leiserson, H Prokop, S Ramachandran - Foundations of Computer Science, 1999. 40th Annual
Symposium ..., 1999 - ieeexplore.ieee.org
Page 1. Cache-Oblivious Algorithms E XTENDED A BSTRACT Matteo Frigo Charles
E. Leiserson Harald Prokop Sridhar Ramachandran MIT Laboratory ...
Cited by 242 - Related Articles - Web Search - BL Direct

Checkpointing alternatives for high performance, power-aware processors - all 6 versions »
A Moshovos - Proceedings of the 2003 international symposium on Low power ..., 2003 - portal.acm.org
... This is the functionality provided by checkpointing. Checkpointing is implemented
via the re-order buffer (ROB), a **circular queue** which works as follows. ...
Cited by 10 - Related Articles - Web Search

Multiscalar processors - all 31 versions »
GS Sohi, SE Breach, TN Vijaykumar - Computer Architecture, 1995. Proceedings. 22nd Annual ..., 1995 -
ieeexplore.ieee.org
... the tasks. The sequential order on the processing units is maintained by
organizing the units into a **circular queue**. Head and tail ...
Cited by 550 - Related Articles - Web Search - BL Direct

Dynamic current distribution controls of a parallel connectedconverter system
CQ Lee, K Siri, TF Wu - Power Electronics Specialists Conference, 1991. PESC'91 ..., 1991 - ieeexplore.ieee.
org
... operation (first on- converter will be the last off-converter) as shown in [3] and
the sequential operation in [4], we propose the **circular queue** opera- tion ...
Cited by 12 - Related Articles - Web Search

Run-time monitoring of real-time systems - all 5 versions »
SE Chodrow, F Jahanian, M Donner - Real-Time Systems Symposium, 1991. Proceedings., Twelfth, 1991 -
ieeexplore.ieee.org
... Each event data structure consists of a finite length **circular queue** of times (and
values), with a relative index pointing to the most recent event. ...
Cited by 71 - Related Articles - Web Search

Monitoring system activity for OS-directed dynamic power management - all 7 versions »
L Benini, A Bogliolo, S Cavallucci, B Riccó - Proceedings of the 1998 international symposium on Low power
..., 1998 - portal.acm.org
... of the list-update proce- dure, NotifyEvent , is shown in Figure 2. The parameters
are the event list implemented as a **circular queue** , the uniqueresource ...
Cited by 55 - Related Articles - Web Search

Realtime hardware scheduler utilizing processor message passing and **queue** management cells - all 3
versions »
CT Johnson, JD Bezek - US Patent 5,832,262, 1998 - Google Patents
... 6, Nov. 1992, p. 469. However, such arrangements are handicapped where they require
that each **circular queue** have assigned to it a separate digital processor. ...
Cited by 17 - Related Articles - Web Search

ARB: a hardware mechanism for dynamic reordering of memory references - all 16 versions »
M Franklin, GS Sohi - IEEE Transactions on Computers, 1996 - doi.ieeecs.org
... proceed. Memory operations are assigned a unique row in the dependency
matrix; the rows are managed as a **circular queue**. When an ...
Cited by 160 - Related Articles - Web Search - BL Direct

Method of managing hardware control blocks utilizing endless **queue** maintained to never be empty
and ... - all 3 versions »
BA Young - US Patent 6,006,292, 1999 - Google Patents
... **queue** 112, HIM 202 replaces the out-of-bounds tail address with the base address
of TCB pointer **queue** 112, according to the definition of a **circular queue**....
Cited by 5 - Related Articles - Web Search

Fast object tracking in digital video - all 5 versions »
DK Park, HS Yoon, CS Won - Consumer Electronics, IEEE Transactions on, 2000 - ieeexplore.ieee.org
... requirement. That is, by adopting the **circular queue** as shown in Fig. ... method.
Fig. 16 Structure ofpriority **circular queue**. Page 6. 790 ...
Cited by 24 - Related Articles - Web Search - BL Direct

Dual pointer **circular queue** - all 3 versions »
ML Buer... - US Patent 6,148,365, 2000 - Google Patents
... Buer [54] DUAL POINTER **CIRCULAR QUEUE** ... FIG. 4 is a diagram the first-in-first-out
(FIFO) buffer which functions as a dual pointer **circular queue** shown in 60 ...
Cited by 2 - Related Articles - Web Search

A simple, fast and scalable non-blocking concurrent FIFO **queue** for shared memory multiprocessor ...
- all 10 versions »
P Tsigas, Y Zhang - Proceedings of the thirteenth annual ACM symposium on ..., 2001 - portal.acm.org
... based on a singly-linked list. Stone describes a non-blocking algorithm
based on a **circular queue**. Massalin and Pu 8] present a ...
Cited by 23 - Related Articles - Web Search

... valid micro operations received from a parallel decoder into adjacent locations of an output **queue** -
all 3 versions »
GL Brown, AL Carbine, DD Parker - US Patent 5,673,427, 1997 - Google Patents
... An embodiment described in which the FIFO **queue** includes a **circular queue** with a
plurality of entries. ... 4: 1 ALIGNING MUXES **CIRCULAR QUEUE** - 850 4 : 1 802 ...
Cited by 17 - Related Articles - Web Search

Using Quad Trees for Parallelizing Conflict Detection in a Sequential Simulation - all 5 versions »

F Wieland, D Carnes, G Schultz - Proc. of the 15th Workshop on Parallel and Distributed ..., 2001 - doi.
ieeecomputersociety.org
... As potential conflict pairs are nominated as described above, they are
placed in a statically created and sized **circular queue**....
Cited by 7 - Related Articles - Web Search

Interprocessor interrupt processing system - all 2 versions »
LP Andrews, BD Mandalia, OE Ortega, JC Sinibaldi, ... - US Patent 5,553,293, 1996 - Google Patents
... **CIRCULAR QUEUE** BUFFER ... The IIU subsequently accesses the **circular queue** again so that
the IIU can fetch the next interrupt control block for processing. ...
Cited by 8 - Related Articles - Web Search

Current distribution control for parallel connected converters. I - all 6 versions »
K Siri, CQ Lee, TE Wu - Aerospace and Electronic Systems, IEEE Transactions on, 1992 - ieeexplore.ieee.org
Page 1. I I. INTRODUCTION Current Distribution Control For Para1 le1 Connected
Converters: Part I K. SIRI, Student, IEEE C. Q. LEE ...
Cited by 47 - Related Articles - Web Search

Architecture for high performance management of multiple **circular** FIFO storage means - all 3
versions »
MM Colmant, RW Krug, AA Smith - US Patent 5,519,701, 1996 - Google Patents
... SUMMARY OF THE INVENTION Accordingly, it is an object of the present invention to
provide improved **queue** management for multiple **circular** Page 11. 5,519,701 ...
Cited by 52 - Related Articles - Web Search

Modeling and verification of out-of-order microprocessors in UCLID - all 11 versions »
SK Lahiri, SA Seshia, RE Bryant - Formal Methods in Computer-Aided Design (FMCAD'02), LNCS, 2002 -
Springer
... This includes com- ponents with infinite resources (eg infinite memory) or resources
with finite but arbitrary size (eg a **circular queue** ofarbitrary length). ...
Cited by 37 - Related Articles - Web Search - BL Direct

Multiple-reader multiple-writer **queue** for a computer system - all 6 versions »
P Drews - US Patent 6,173,307, 2001 - Google Patents
... P3-1.1 to P3-1.4. Ahmed E. Barbour et al., "A Parallel, High Speed **Circular**
Queue Structure," 1990, pp. 1089-1092. *cited by examiner ...
Cited by 4 - Related Articles - Web Search

The PaCMAn Metacomputer: parallel computing with Java mobile agents - all 7 versions »
P Evripidou, G Samaras, C Panayiotou, E Pitoura - Future Generation Computer Systems, 2001 - Elsevier
... Enlarge Image (7K). Fig. 1. The PaCMAn Metacomputer. An auxiliary structure of the
PaCMAn infrastructure is the virtual **circular queue** (VCQ) (Fig. ...
Cited by 18 - Related Articles - Web Search

Data flow analysis for software prefetching linked data structures in Java - all 24 versions »
B Cahoon, KS McKinley - Proceedings of the 2001 International Conference on Parallel ..., 2001 - doi.
ieeecomputersociety.org
Page 1. Data Flow Analysis for Software Prefetching Linked Data Structures
in Java Brendon Cahoon and Kathryn S. McKinley Department ...
Cited by 66 - Related Articles - Web Search

... system of controlling a dynamically expandable shared **queue** in which ownership of a **queue** entry
by a ... - all 4 versions »
KW Holt - US Patent 5,922,057, 1999 - Google Patents
... In the depicted example, **queue** 200 is a **circular queue** although other types of

queues may be implemented according to the present invention. ...
Cited by 16 - Related Articles - Web Search

[PS] A Scalable Flow Control Algorithm for the Fast Messages Communication Library - all 6 versions »
R Canonico, R Cristaldi, G Iannello - Workshop on Communication, Architecture and Applications for ..., 1999 - grid.unina.it
... Since programmed I/O is used, the packets are copied directly from user memory
to an adapter's memory region managed as a **circular queue**....
Cited by 6 - Related Articles - View as HTML - Web Search - BL Direct

Method and network device for creating **circular queue** structures in shared memory - all 3 versions »
CD Kasper - US Patent 6,526,451, 2003 - Google Patents
... <\ ('- 73) METHOD AND NETWORK DEVICE FOR CREATING **CIRCULAR QUEUE** STRUCTURES IN SHARED
MEMORY (US) Assignee: STMicroelectronics, Inc., Carrollton, TX (US) ...
Cited by 2 - Related Articles - Web Search

Memory Access Scheduling and Loop Pipelining - all 4 versions »
X Liang, J Jean - IEEE Transactions on Very Large Scale Integration (VLSI) ..., 2003 - ebony.jsums.edu
... A **circular queue** and a multiplexer as shown in Figure 5 are used for this purpose.
Figure 5: **Circular Queue** with Memory Write Scheduling ... 1 0 **Circular Queue** ...
Cited by 5 - Related Articles - View as HTML - Web Search

Method and apparatus for updating host memory in an adapter to minimize host CPU overhead in ... - all 3 versions »
B Shah, PJ Roman, M Ben-Nun, KK Ramakrishnan - US Patent 5,761,427, 1998 - Google Patents
... FIG. 5 is a block diagram illustrating **circular queue** memory contains aplurality
ofqueues 125. ... number of entries in the **circular queue**. To increment an index. ...
Cited by 22 - Related Articles - Web Search

BDD vs. Constraint-Based Model Checking: An Experimental Evaluation for Asynchronous Concurrent ... - all 6 versions »
T Bultan - Proc. TACAS, 2000 - Springer
... available = available – 1 e consume : available < size ∧ consumed = consumed +
1 ∧available = available + 1 Program: **Circular-Queue** Parameterized Constant ...
Cited by 6 - Related Articles - Web Search - BL Direct

Message transfer apparatus for controlling a message send in a packet switched interconnection ... - all 3 versions »
SM Moh, SS Shin, SH Yoon, KW Rim - US Patent 6,023,732, 2000 - Google Patents
... MCR 203 makes four unit buffers MB0 209, MB1 210, MB2 211 and MBS 212 which consist
ofthe message buffer 207 as a **circular queue** structure so as to control them ...
Cited by 5 - Related Articles - Web Search

Real-time platforms and environments for time constrained flexiblemanufacturing
JA Stankovic, K Ramamritham, G Zlokapa - Real-Time Operating Systems and Software, 1994. RTOSS'94, ..., 1994 - ieeexplore.ieee.org
... In this testbed (see Figure 1), objects or material needed by consuming processes
are introduced non- deterministically into a **circular queue** awaiting pro ...
Cited by 4 - Related Articles - Web Search

A New Approach for Scheduling of Parallelizable Tasks in Real-Time Multiprocessor Systems - all 6 versions »
G Manimaran, CSR Murthy, K Ramamritham - Real-Time Systems, 1998 - Springer

... end. Figure 1a. Schedulability check algorithm. tasks, currently in the task **queue**, with r 1 = 8, c 1 1 = 12, c 2 1 = 7, c 3 1 = 5, d 1 = 16, and ...
Cited by 8 - Related Articles - Web Search - BL Direct

Perils of the PC Cache - all 2 versions »
P Koopman - Embedded Systems Programming, 1993 - ece.cmu.edu
... Let's say you want to read data in and put it in a **circular queue** with a really simple interrupt service routine (ISR) written in Turbo C: ...
Cited by 17 - Related Articles - Cached - Web Search

INTEGRATING INFORMAL AND FORMAL TECHNIQUES TO REVERSE ENGINEER IMPERATIVE PROGRAMS - all 3 versions »
GC Gannod - 1998 - users.muohio.edu
... 251 D.2 **Circular Queue** Library Specification . . . .
148 9.5 **Circular Queue** Diagram . . . .
Cited by 5 - Related Articles - View as HTML - Web Search - Library Search

Method and structure for balanced **queue** communication between nodes in a distributed computing ... - all 4 versions »
HA Piskiel, GS Mui, PHN Pelizzoli - US Patent 5,916,307, 1999 - Google Patents
... The position in the originating node's **circular queue** is pre- pended to the message and transmitted therewith. The receiving node ...
Cited by 24 - Related Articles - Web Search

Synthesized stereoscopic imaging system and method - all 5 versions »
BJ Garcia... - US Patent 5,510,832, 1996 - Google Patents
Page 1. United States Patent Garcia US005510832A [ii] Patent Number: [45] Date of Patent: [54] SYNTHESIZED STEREOSCOPIC IMAGING SYSTEM AND METHOD ...
Cited by 41 - Related Articles - Web Search

[PS] Stream Sockets on SHRIMP - all 5 versions »
SN Damianakis, C Dubnicki, EW Felten - Communication, Architecture, and Applications for Network- ..., 1997 - cs.princeton.edu
... In order to implement a simple unidirectional byte stream the sender and receiver each allocate a copy of the **circular queue** and cross map the three components ...
Cited by 23 - Related Articles - View as HTML - Web Search - BL Direct

A tmo-based approach to tolerance of transmission jitters in tele-audio services
DH Kim, KH Kim, S Liu, JH Kim - Journal of Computer Systems Science and Engineering, 2002 - ai.kaist.ac.kr
... D - H KIM ET AL Figure 2 A simple TMO network using low-precision-capture-time-stamping Page 5. ODS which is used to hold the audio data is a **circular queue**....
Cited by 5 - Related Articles - View as HTML - Web Search - BL Direct

Shared-carrier frequency hopping - all 4 versions »
MD Kotzin, SL Spear - US Patent 5,301,188, 1994 - Google Patents
... must be done, each of the nine coverage areas is allo- cated a unique time or index offset for sequentially indexing into a **circular queue** (or otherwise ...
Cited by 31 - Related Articles - Web Search

Inverse multiplexing within asynchronous transfer mode communication networks - all 3 versions »
B Cai, PD Samudra... - US Patent 6,134,246, 2000 - Google Patents
... 30 balancing algorithm at the transmitter, and a **circular** achieve high-speed and flexible communications. ... Such re-sequencing may be performed via a **circular** ...
Cited by 22 - Related Articles - Web Search

[PS] Implementing Fair Queueing in ATM Switches–Part 2: The Logarithmic Calendar **Queue**
FM Chiussi, A Francini, JG Kneuer - Proc. GLOBECOM, 1997 - bell-labs.com
... of interest for the timestamps is a timeslot, one bin must be associated with each
timeslot, and the total number of bins in the **circular queue** is given by the ...
Cited by 18 - Related Articles - View as HTML - Web Search - BL Direct

Managing data storage in the network - all 14 versions »
JS Plank, A Bassi, T Moore, M Swany, R Wolski - Internet Computing, IEEE, 2001 - ieeexplore.ieee.org
... Finally, the byte array type can be standard (append-only file), pipe (fixed-size
FIFO buffer), or **circular queue** (bounded buffer with destructive writes). ...
Cited by 37 - Related Articles - Web Search - BL Direct

Dynamic addressing memory arrays with physical locality - all 5 versions »
S Hsu, SL Lu, SC Lai, R Krishnamurthy, K Lai - Microarchitecture, 2002.(MICRO-35). Proceedings. 35th Annual
...:, 2002 - ieeexplore.ieee.org
... This method checks the physical register file, which is organized as a
circular queue at the decode time. Whenever a slower entry ...
Cited by 6 - Related Articles - Web Search - BL Direct

Design considerations for shared memory multiprocessor messagesystems - all 5 versions »
N Islam, RH Campbell - Parallel and Distributed Systems, IEEE Transactions on, 1992 - ieeexplore.ieee.org
... This alternative invalidates a cache less frequently than the **circular queue** scheme
but creates more contention for acquiring a reused **queue** entry. ...
Cited by 10 - Related Articles - Web Search - Library Search

A circuit level implementation of an adaptive issue **queue** for power-aware microprocessors - all 6
versions »
A Buyuktosunoglu, D Albonesi, S Schuster, D Brooks ... - Proceedings of the 11th Great Lakes symposium on
VLSI, 2001 - portal.acm.org
... The issue **queue** is designed to be a **circular queue** structure, with head and tail
pointers, and the effective size is dynamically adapted to fit the ILP (In ...
Cited by 43 - Related Articles - Web Search

The high-bandwidth 256 kB 2nd level cache on an Itaniummicroprocessor - all 4 versions »
R Riedlinger, T Grutkowski - Solid-State Circuits Conference, 2002. Digest of Technical ..., 2002 - ieeexplore.
ieee.org
... The ordering **queue** is a 32 entry out of order **circular queue** that utilizes a dynamic
find first four ripple circuit to issue four non-bank-conflicted accesses ...
Cited by 15 - Related Articles - Web Search

Method and apparatus for digital sampling of electrical waveforms - all 3 versions »
JJ Pickerd - US Patent 5,978,742, 1999 - Google Patents
... Digital sampling oscilloscopes often provide for an ET mode. An acquisition
memory register is typically arranged in a **circular queue**....
Cited by 28 - Related Articles - Web Search

Method and apparatus for transporting messages between processors in a multiple processor system -
all 6 versions »
WT Futral, E Garbus, B Davis - US Patent 5,925,099, 1999 - Google Patents
... FIG. 5 further illustrates **circular queue** operation for the ... **circular queue** and range
from 0 to the **circular queue** size 214 through data path 352. ...
Cited by 22 - Related Articles - Web Search

Cache-Oblivious Algorithms - all 30 versions »

H Prokop - 1999 - course.bnu.edu.cn
Page 1. Cache-Oblivious Algorithms by Harald Prokop Submitted to the
Department of Electrical Engineering and Computer Science in ...
Cited by 64 - Related Articles - View as HTML - Web Search - Library Search

Automated function testing of application programs - all 2 versions »
G Triantafyllos, WH Shield - US Patent 5,233,611, 1993 - Google Patents
Page 1. United States Patent Triantafyllos et al. [54] [75] AUTOMATED FUNCTION
TESTING OF APPLICATION PROGRAMS Inventors: George ...
Cited by 42 - Related Articles - Web Search

Delaunay triangulation using a uniform grid - all 7 versions »
TP Fang, LA Piegl - IEEE Computer Graphics and Applications, 1993 - doi.ieeecomputersociety.org
... The algo- rithm subdivides the edge and puts the two half edges P,Pz and
PlPl into an edge list that is actually a circular queue....
Cited by 59 - Related Articles - Web Search - BL Direct

Method and apparatus for placing multiple frames of data in a buffer in a direct memory access ... - all 3 versions »
AJP O'Toole, S Chari... - US Patent 5,828,901, 1998 - Google Patents
... locations of a circular descriptor queue, obtaining with a cessor ... recep-
circular queue occupying a contiguous area of memory. The ...
Cited by 26 - Related Articles - Web Search

A flexible broadband packet switch for a multimedia integratednetwork
CB Woodworth, MJ Karol, RD Gitlin - Communications, 1991. ICC 91, Conference Record. IEEE ..., 1991 -
ieeexplore.ieee.org
... in Fig. 6. These pointers implement a circular queue so that cells retain
their first-in first-out sequence. Each address pointer ...
Cited by 33 - Related Articles - Web Search

Apparatus and method for controlling interrupts to a host during data transfer between the host and ... - all 2 versions »
S Chmielecki Jr, FA Itkowsky Jr, GP Koning, DM ... - US Patent 5,740,467, 1998 - Google Patents
... No. circular queues in host memory, and the value of the FIELD OF THE INVENTION
a circular queue.... fl newi(emwm neyerbevniKen jntothe circular queue ...
Cited by 15 - Related Articles - Web Search

Method for controlling a message send in a packet-switched interconnection network - all 3 versions »
SM Moh, SS Shin, SH Yoon, KW Rim - US Patent 5,910,178, 1999 - Google Patents
... in accordance with the result ofchecking said IE bit; and (9) after asserting a
transfer interrupt to a processor, executing a circular queue operation by a ...
Cited by 4 - Related Articles - Web Search

Development of expert control systems: A pattern classification and recognition approach
MS Mahmoud, AA Abou-Elseoud, S Kotob - Journal of Intelligent and Robotic Systems, 1992 - Springer
... The implementation involves a pattern recognition classification and a circular
queue is used to store the process output. The average ...
Cited by 4 - Related Articles - Web Search

ATM switch with integrated system bus - all 2 versions »
K Norton, M Rumer... - US Patent 5,898,688, 1999 - Google Patents
... tRequest/Status Circular Queue 32 Word x 32 Bit 6O ... 11 shows the request/status circular
queue for an ATM cell processing unit according to one embodiment; FIG. ...
Cited by 15 - Related Articles - Web Search

Implementation and Analysis of the User Direct Access Programming Library - all 2 versions »
J Lentini, V Pham, S Sears, R Smith - 2nd Workshop on Novel Uses of System Area Networks, SAN, 2003 - ics.
uci.edu
... associated with that structure. In the reference implementation, that structure
is a producer/consumer **circular queue**. When an event is ...
Cited by 3 - Related Articles - View as HTML - Web Search

An Adaptive Issue **Queue** for Reduced Power at High Performance - all 14 versions »
A Buyuktosunoglu, S Schuster, D Brooks, P Bose, P ... - Proceedings of the First International Workshop on
Power- ..., 2000 - Springer
... The issue **queue** is designed to be a **circular queue** structure, with head and tail
pointers, and the effective size is dynamically adapted to fit the ILP content ...
Cited by 72 - Related Articles - Web Search - BL Direct

The Object Library for Parallel Simulation (OLPS) - all 4 versions »
M Abrams - Simulation Conference Proceedings, 1988 Winter, 1988 - ieeexplore.ieee.org
... able. The CQCHANNEL provides a monitor to ac- cess object CIRCULARQ, which
is a **circular queue** of fixed, user specified size. The ...
Cited by 24 - Related Articles - Web Search

The weighted-distance scheme: a globally optimizing projectionordering method for ART - all 9
versions »
K Mueller, R Yagel, JF Cornhill - Medical Imaging, IEEE Transactions on, 1997 - ieeexplore.ieee.org
... The algorithm implements the permutation of the projection or- dering as a **circular**
queue 2 . The length S of 2 depends on how much of the projection access ...
Cited by 17 - Related Articles - Web Search - BL Direct

Dynamic allocation of registers to procedures in a digital computer - all 2 versions »
FC Amerson, RM English, R Gupta, T Watanabe - US Patent 5,564,031, 1996 - Google Patents
... Primary Examiner—William M. Treat Assistant Examiner—Kenneth R. Coulter [57] ABSTRACT
In a digital computer, a **circular queue** of registers in a register ...
Cited by 27 - Related Articles - Web Search

Client-server computing on Shrimp - all 4 versions »
SN Damianakis, A Biles, C Dubnicki, EW Felten - Micro, IEEE, 1997 - ieeexplore.ieee.org
... To implement a simple unidirectional byte stream, the sender and receiver each allocate
a copy of the **circular queue** and build serveral import-export mappings. ...
Cited by 19 - Related Articles - Web Search - BL Direct

The TMS 320 C 30 floating-point digital signal processor - all 9 versions »
P Papamichalis, R Simar - IEEE Micro, 1988 - doi.ieeecomputersociety.org
... Indirect ADDF * AR0 + + (di)%,RI Addr = AR0 Postdisplacement add AR0 = circ(AR0 +
di) and **circular** modify ... **Circular** addressing implements **circular** buffers. ...
Cited by 20 - Related Articles - Web Search

[BOOK] Coherent network interfaces for fine-grain communication - all 12 versions »
SS Mukherjee, B Falsafi, MD Hill, DA Wood - 1996 - ACM Press New York, NY, USA
... cachable device registers from one cachable, coherent memory block to a contiguous
region of cachable, coher- ent blocks managed as a **circular queue**....
Cited by 50 - Related Articles - Web Search - Library Search - BL Direct

Control Flow Speculation in Multiscalar Processors - all 13 versions »
Q Jacobson, S Bennett, N Sharma, JE Smith - HPCA-3 proceedings, 1996 - meseec.ce.rit.edu

... The ring operates as a **circular queue** with a head and a tail pointer (pointing to the current non-speculative task and the most recently started speculative ...
Cited by 66 - Related Articles - View as HTML - Web Search

Combination brouter and cluster controller - all 2 versions »
S Eisenhandler, T Chaudhry, X Lee, PS Lam, Y Fujita ... - US Patent 5,452,291, 1995 - Google Patents
... 506 LOAD COUNTER WITH NEXT SYMBOL AND RESTART 504 508)START BUS QUIET COUNTING PROCESS **QUEUE** NEXT SYMBOL FIG. 14 510 RETURN 514 Page 13. US Patent Sep. ...
Cited by 25 - Related Articles - Web Search

Vehicular emergency message system activation diagnostics recorder - all 2 versions »
G Stephen, WA Dorfstatter, MJ Timm - US Patent 5,781,101, 1998 - Google Patents
... system. j- <.• • 6 response center a priority of a respective activation.
A 'diagnostic memory comprises a **circular queue** stonng pre- ...
Cited by 11 - Related Articles - Web Search

Improving the Throughput of Remote Storage Access through Pipelining - all 9 versions »
E Nallipogu, F Ozguner, M Lauria - Proceedings of the Third International Workshop on Grid ..., 2002 - Springer
... The server maintains a **circular queue** of buffers, one buffer for each outstanding read. ... A **circular queue** is used to keep track of outstanding writes. ...
Cited by 11 - Related Articles - Web Search - BL Direct

A parallel, high speed **circular queue** structure
AE Barbour, I Alhayek - Circuits and Systems, 1989., Proceedings of the 32nd Midwest ..., 1989 - ieeexplore.ieee.org
Page 1 A PARALLEL, HIGH SPEED **CIRCULAR QUEUE** STRUCTURE 89CH2785.4/9O/OOoO-1o8ito © 1990 IEEE Ahmed E. Barbour Iyad Aihayek t University of Illinois at Chicago ...
Cited by 1 - Related Articles - Web Search

[PS] Parameter controlled skeletonization of three dimensional objects - all 3 versions »
N Gagvani, D Silver - 1997 - caip.rutgers.edu
Page 1. Technical Report CAIP-TR-216 PARAMETER CONTROLLED SKELETONIZATION OF THREE DIMENSIONAL OBJECTS Nikhil Gagvani and Deborah ...
Cited by 14 - Related Articles - View as HTML - Web Search

Single chip protocol engine and data formatter apparatus for off chip host memory to local memory ... - all 3 versions »
DM Weber, TE Hoglund, SM Johnson, JM Adams, MA ... - US Patent 6,185,620, 2001 - Google Patents
... MF N TFREE FIFO REQUEST MESSAGE FRAME **QUEUE** US Patent Feb. 6, 2001 Sheet 3 of 13 US 6,185,620 BI 704 Si MFA_1 ... MF_2 MF 1 REPLY MESSAGE FRAME **QUEUE** -1 200 1202 ...
Cited by 12 - Related Articles - Web Search

A first implementation of in-transit buffers on myrinet gm software - all 11 versions »
S Coll, J Flich, MP Malumbres, P Lopez, J Duato, ... - Parallel and Distributed Processing Symposium., Proceedings ..., 2001 - ieeexplore.ieee.org
... This buffer pool could be implemented as a **circular queue** (as many commercial network adapters do) managed with two pointers: one pointing the first incoming ...
Cited by 11 - Related Articles - Web Search

Structured message passing on a shared-memory multiprocessor - all 2 versions »
TJ LeBlanc - System Sciences, 1988. Vol. II. Software Track, Proceedings ..., 1988 - ieeexplore.ieee.org
Page 1 TH0212-1/88/0000/0188$0100 © 1988 IEEE Structured Message Passing on a Shared-Memory Multiprocessor Thomas J. LeBlanc Computer Science Department ...
Cited by 3 - Related Articles - Web Search

Message hub - all 2 versions »
MS Wight, KS Masonde, MI Tatar, S Gagnon, PJ Barry - US Patent 6,219,353, 2001 - Google Patents
... high priority **circular queue** 20 and low priority **circular** ... 50 location of the node
in the high priority **circular queue** 20 transmission phase. ...
Cited by 3 - Related Articles - Web Search

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